Index of Claims

| Applic |  |  |  |
|--------|--|--|--|
|        |  |  |  |
|        |  |  |  |
|        |  |  |  |

Applicant(s)/Patent under Reexamination

10/564,336

Examiner

AOKI ET AL.

Patrick D. Niland

1714

√ Rejected
= Allowed

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                 |           | L            | L_       |                  |              |  | J            |          | L        | L               |
|-----------------|-----------|--------------|----------|------------------|--------------|--|--------------|----------|----------|-----------------|
|                 |           |              |          |                  |              |  | _            | _        |          |                 |
| CIE             | im        | <u> </u>     | Α1       | π <mark>λ</mark> | <u>5 - '</u> | Dat  | <del>-</del> |          | Υ        | -               |
| =               | <u> 7</u> | 8            | 16       | O                | ٢            |  | l            |          |          | ŀ               |
| Final           | Original  | 5/16/07      | M        | 173              | ١.           | l  | l            |          |          |                 |
| "               | ō         | 2            | 12       | 17               | 1            |  | l            |          |          |                 |
| 1               | 1         | H            | H        | 5                | ┡            | ┢─   | ┢            | -        | ╁        | Н               |
|                 |           | 1            | Ž        | ラ                | ╁            | <del>                                     </del> | 一            | $\vdash$ | $\vdash$ | Н               |
|                 | 3         | X            | U        | T                | $\vdash$     | T  |              | T        | $\vdash$ | П               |
|                 | 4         | M            |          | П                |              |  |              |          |          |                 |
|                 | 5<br>6    | ٠.           | <b>Z</b> | $\prod$          |              |  |              |          |          |                 |
|                 | 6         | Ц.           | /        | Ц                | L            |  |              | L        | L        | Ш               |
| $\vdash$        | 7         | Щ            | 4        | Ц                | <u> </u>     | $oxed{L}$  | <u>_</u>     | ᆫ        | L.       | Ц               |
| <u></u>         | 8         | Ц            | <u> </u> | Щ                | <b>_</b>     | <u> </u>   | <u> </u>     | L.       | ļ        | Ш               |
| <u> </u>        | 9         | Н            | /        | Н                | <u> </u>     | <u> </u>   | <b>!</b>     | <u> </u> | _        | Н               |
| <u> </u>        | 10        | N            | K        | W                | <b>-</b>     | ⊢  | <u> </u>     | Ŀ        | _        |                 |
| -               | 11        | X            | K        | ビ                | $\vdash$     | $\vdash$   | $\vdash$     | ⊢        | ├-       | ┝┥              |
| 19              | 12        |              | W        | -                | $\vdash$     | ⊢  | $\vdash$     | -        | ⊢        | Н               |
| <b>—</b>        | 14        | ┝            | $\vdash$ | ⊢                | $\vdash$     | ⊢  | ⊢            | $\vdash$ | -        | Н               |
| -               | 15        | $\vdash$     | $\vdash$ | ┢                | $\vdash$     | ┢  | ⊢            | $\vdash$ | $\vdash$ | H               |
| $\vdash$        | 16        | ⊢            | Н        | ⊢                | $\vdash$     | ⊢  | ⊢            | $\vdash$ | ┢        | Н               |
|                 | 17        | ┢            |          | -                | ┰            | ┢  | ┢            | ┢        | -        | Н               |
|                 | 18        | <del> </del> | М        | $\vdash$         | $\vdash$     | ┢  | _            | $\vdash$ | $\vdash$ | Н               |
|                 | 19        | $\vdash$     |          | _                | Т            | Т  | $\vdash$     | $\vdash$ | $\vdash$ | Н               |
|                 | 20        | Г            | П        |                  |              |  | _            | Г        | Г        | Н               |
|                 | 21        |              |          |                  |              | Г  |              | Г        |          | П               |
|                 | 22        |              |          |                  |              |  |              |          |          |                 |
|                 | 23        |              |          |                  |              |  |              |          |          |                 |
|                 | 24        |              |          |                  |              |  |              |          |          |                 |
| _               | 25        |              | Щ        | Ļ                | L            | Ļ  | L            | _        | Ш        | Щ               |
| <u> </u>        | 26        | _            | L        | oxdot            | <u> </u>     | <u> </u>   | L            | Щ        | Ш        | Н               |
| -               | 27        |              | _        | _                | -            |  | L            | _        | ⊢        | Щ               |
| $\vdash$        | 28<br>29  | -            | Н        | -                | -            | -  | -            | -        | -        | Н               |
|                 | 30        | $\vdash$     |          | -                | -            | $\vdash$   | -            | -        | _        | $\vdash$        |
| $\vdash$        | 31        | -            | Н        | -                | $\vdash$     | -  | -            | -        | -        | Н               |
| $\vdash$        | 32        | _            | Н        | $\vdash$         | -            | -  | -            |          |          | Н               |
|                 | 33        | _            |          |                  | _            |  |              | _        | ┢        | Н               |
|                 | 34        |              | Н        |                  |              | $\vdash$   | $\vdash$     |          |          | Н               |
|                 | 35        |              |          |                  |              |  |              |          |          |                 |
|                 | 36        |              |          |                  |              |  |              |          |          |                 |
|                 | 37        |              |          |                  |              |  |              |          |          |                 |
|                 | 38        |              |          |                  |              |  |              |          |          |                 |
|                 | 39        |              |          |                  |              |  |              |          |          |                 |
|                 | 40        |              |          |                  |              |  |              |          |          |                 |
| $\square$       | 41        |              | Ш        |                  | Ш            | Ш  |              |          |          | Ш               |
| $\vdash \vdash$ | 42        | -            | ш        | _                | <u> </u>     | Щ  |              | Щ        | Ш.       | $\vdash \vdash$ |
|                 | 43        |              | Н        | -                | ۱            | Н  |              | <b>-</b> | $\vdash$ | Н               |
| $\vdash$        | 44        | $\vdash$     | Ш        | ۰.               | $\vdash$     | Н  |              | <b>-</b> |          | Н               |
| $\vdash$        | 45<br>46  |              | $\vdash$ |                  | <del> </del> | Н  | $\vdash$     | H        | $\vdash$ | Н               |
| -               | 47        | -            | Н        |                  | ┝            | Н  | $\vdash$     | Н        | $\vdash$ | Н               |
| $\vdash$        | 48        |              | Н        | Н                | $\vdash$     | Н  | -            | $\vdash$ | -        | Н               |
| $\vdash$        | 49        | $\vdash$     | $\vdash$ | Н                | -            | Н  | Н            | Н        | Н        | $\dashv$        |
|                 | 50        | _            | $\neg$   |                  |              | Н  |              | Н        | М        | $\dashv$        |
| _               |           |              |          |                  |              |  |              |          |          |                 |

| Cla      | sim       |            |               |          |          | Date     | 9            |          |          |                 |
|----------|-----------|------------|---------------|----------|----------|----------|--------------|----------|----------|-----------------|
|          |           |            |               |          |          |          | Γ            | Π        | Г        | П               |
| Final    | Original  |            |               |          |          |          |              |          |          |                 |
|          | 51        | ┝          | _             | $\vdash$ | H        | ┝        | ┢            | ├-       | ┝        | Н               |
|          | 52        | Ш          |               |          |          |          |              | $\vdash$ |          |                 |
|          | 53        | П          |               |          |          |          |              | 匚        |          |                 |
|          | 3         | <b> </b> _ | _             | <u> </u> | ├-       | ┞        | <u> </u>     | L-       | <b> </b> | Н               |
| -        | 55<br>.56 | ┝          | <u> </u>      | H        | ⊢        | ⊢        | ├-           | -        | <u> </u> | $\vdash$        |
|          | 57        | -          | -             | $\vdash$ | $\vdash$ | -        | ⊢            | -        |          | Н               |
|          | 58        |            |               | _        | ┢        |          | <del> </del> | Н        |          | М               |
|          | 59        |            |               |          |          |          |              |          |          |                 |
|          | 60        |            |               |          |          |          |              |          |          |                 |
|          | 61        |            |               |          | L        | _        | L            | <u> </u> |          | Ш               |
| •        | 62        |            | _             |          | _        |          | <u> </u>     | <u> </u> | L        | Н               |
|          | 63<br>64  | -          | $\vdash$      | -        | -        | -        | ┝            | $\vdash$ | $\vdash$ | Н               |
|          | 65        |            | $\vdash$      |          | ┝        |          | -            |          |          | Н               |
|          | 66        | _          |               |          | Ι        |          | _            | _        |          | Н               |
|          | 67        |            |               |          |          |          |              |          |          |                 |
|          | 68        |            |               |          |          |          |              |          |          |                 |
|          | 69        | _          | _             |          | <u> </u> | L        | L            |          |          | Ш               |
| _        | 70<br>71  | _          | H             | $\vdash$ | ┡        | $\vdash$ | ⊢            |          |          | Н               |
|          | 72        |            | $\overline{}$ | _        | -        | -        | $\vdash$     | -        | -        | Н               |
|          | 73        | -          |               | $\vdash$ | Н        | Н        | Н            |          |          | Н               |
|          | 74        |            |               |          |          |          | _            |          |          |                 |
|          | 75        |            |               |          |          |          |              |          |          |                 |
|          | 76        |            |               |          |          | _        | <u> </u>     | _        |          | Н               |
| -        | 77<br>78  | -          |               | _        | -        | $\vdash$ | _            | $\vdash$ | H        | Н               |
|          | .79       | -          |               | -        | Н        | Н        | ⊢            | Н        | _        | Н               |
| _        | 80        |            | _             | -        | -        | $\vdash$ | _            | Н        | -        | Н               |
|          | 81        |            |               |          |          |          |              | П        |          |                 |
|          | 82        |            |               |          |          |          |              |          |          |                 |
|          | 83        | Ш          |               |          | _        | L        | L            | Щ        |          | Ш               |
| -        | 84<br>85  | Н          | <u> </u>      |          | -        | $\vdash$ | _            | Н        | Н        | Н               |
| $\dashv$ | 86        | _          | Н             | -        |          | Н        | -            | Н        | Н        | Н               |
|          | 87        | Н          | H             | Н        |          | $\vdash$ |              |          |          | Н               |
|          | 88        |            |               |          |          |          |              |          |          |                 |
|          | 89        |            |               |          |          |          |              |          |          |                 |
|          | 90        |            |               |          |          |          |              |          | П        | Щ               |
|          | 91        | _          |               |          | _        | Ш        | _            |          | Н        | Н               |
|          | 92<br>93  |            |               | -        | Н        | Н        | -            | Н        | Н        | Н               |
|          | 94        | -          | Н             | Н        |          | H        | H            | Н        | H        | Н               |
|          | 95        |            |               |          |          |          |              |          |          |                 |
|          | 96        |            |               |          |          |          |              |          |          |                 |
|          | 97        |            |               |          |          | Щ        |              |          |          | Ц               |
|          | 98        | 4          | Щ             | Ŀ        | Щ        | Н        | ·            |          |          | $\vdash \vdash$ |
|          | 99<br>100 | $\dashv$   | -             | $\vdash$ | Н        | $\vdash$ | _            | $\vdash$ | Н        | H               |
|          | 100       | _          |               | ш        | ш        | щ        |              | Щ        | ш        | لـــا           |

| <u> </u> | aim_       | Date     |               |          |          |            |          |              |          |          |
|----------|------------|----------|---------------|----------|----------|------------|----------|--------------|----------|----------|
| Ci       | B1111      |          |               |          |          |            |          |              |          | -        |
| Final    | Original   |          |               |          |          |            |          |              |          |          |
| _        | 101        |          |               |          |          |            |          |              |          |          |
|          | 102        |          |               |          |          |            |          |              |          |          |
|          | 103        |          |               |          |          |            |          |              |          | П        |
|          | 104        |          |               |          |          |            |          |              |          |          |
|          | 105        |          |               |          |          |            |          |              |          |          |
|          | 106        |          |               |          |          |            |          |              |          |          |
|          | 107        |          |               |          |          |            |          |              |          |          |
|          | 108        | L        | L             | ᆫ        | _        | lacksquare |          |              |          | Ш        |
|          | 109        |          |               | Щ        |          | Щ          | Ш        |              |          | Ц        |
|          | 110        | _        | L             | L        | <u> </u> | lacksquare | L        |              | _        | Ш        |
|          | 111        | _        | _             | ╙        |          | $\vdash$   |          |              | <u> </u> | Ш        |
|          | 112        | ш        | _             |          | _        | _          | _        | <u> </u>     | Ш        | Щ        |
|          | 113        | _        | ┕             | <u> </u> | <u> </u> | <u> </u>   | Ш        | <u> </u>     | <u> </u> |          |
| ·        | 114        | _        | <u> </u>      | _        | <u> </u> | _          | _        | -            | _        | Н        |
|          | 115        | <u> </u> | <u> </u>      | _        | <u> </u> | ⊢          | _        |              | _        | Н        |
|          | 116        | _        | -             | _        | -        | -          | _        | <u> </u>     | _        | Н        |
|          | 117        | ⊢        | <del> </del>  | ⊢        | -        |            |          | -            | ┝        | Н        |
|          | 118<br>119 | _        | -             | ⊢        | -        |            | -        | ⊢            | ⊢        | Н        |
|          | 120        | -        | ┝             | ⊢        | ┝        | -          | _        | ┝            | ⊢        | Н        |
|          | 121        | -        | ├-            | -        | ⊢        | H          | -        | ┝            | ⊢        | Н        |
|          | 122        | -        | -             | -        |          | -          | $\vdash$ | -            | -        | Н        |
|          | 123        | $\vdash$ | -             | ┢        | -        | -          | H        | ├~           | -        | Н        |
|          | 124        | $\vdash$ | ┢             | ⊢        | $\vdash$ | Н          | $\vdash$ | ┝            | -        | Н        |
|          | 125        |          | ┢             | ┪        | _        |            | _        | _            | Н        | Н        |
|          | 126        | -        | ┢─            | $\vdash$ | -        | $\vdash$   | -        | <del> </del> |          | Н        |
|          | 127        |          |               | _        | $\vdash$ |            | -        | _            | _        |          |
|          | 128        |          | Г             |          |          |            |          | Т            | $\vdash$ | П        |
|          | 129        |          |               |          |          |            |          |              |          |          |
|          | 130        |          |               |          |          |            |          |              |          |          |
|          | 131        |          |               |          |          |            |          |              |          |          |
|          | 132        |          |               |          |          |            |          |              |          |          |
|          | 133        |          |               |          |          |            |          |              |          | Ш        |
|          | 134        |          | Ш             | Ш        |          |            | $\cdot$  |              |          | П        |
|          | 135        | Щ        |               |          | _        | Н          |          |              |          | П        |
|          | 136        |          | _             |          |          | Ш          | _        |              | $\vdash$ | Ш        |
|          | 137<br>138 | $\vdash$ | _             | $\vdash$ | -        | $\vdash$   | H        |              | _        | Н        |
| -        | 138        |          |               |          |          | L          | Н        | -            | -        | Щ        |
|          |            | $\vdash$ | <u> </u>      | _        |          | _          | _        | _            |          | $\vdash$ |
| -+       | 140<br>141 | _        | H             |          | _        | -          | _        | _            | $\vdash$ | Н        |
|          | 142        |          |               |          | _        | $\vdash$   | _        | _            |          | Н        |
|          | 143        | -        | H             |          | -        | $\vdash$   | $\vdash$ | -            | Η-       | Н        |
|          | 144        | -        | -             | H        | -        | $\vdash$   | -        |              | $\vdash$ | $\dashv$ |
|          | 145        | -        | H             | $\vdash$ | -        | $\vdash$   | -        | -            | -        | Н        |
|          | 146        | -        | H             | Н        | $\vdash$ | $\vdash$   | $\vdash$ | _            | -        | Н        |
|          | 147        | $\vdash$ | $\overline{}$ | Н        | -        | -          | -        | -            | -        | $\vdash$ |
|          | 148        | Н        | Н             | Н        | Н        | $\vdash$   |          |              | Н        | Н        |
|          | 149        | _        | М             | Н        | _        | $\Box$     | Н        |              | П        | М        |
|          | 150        |          |               |          |          | П          |          |              |          |          |
|          |            |          |               |          |          |            |          |              | _        |          |